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	10783877	HOWARD ET AL.
	Examiner	**Art Unit**
	LUKE GILLIGAN	3626

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
j	1	÷	N	-	-					
	2	÷	N	-	-					
	3	÷	N	-	-					
	4	÷	N	-	-					
	5	÷	N	-	-					
	6	÷	N	-	-					
	7	÷	N	-	-					
	8	÷	N	-	-					
	9	÷	N	-	-					
	10	÷	N	-	-					
	11	÷	N	-	-					
	12	÷	N	-	-					
	13	÷	N	-	-					
	14	÷	N	-	-					
	15	÷	N	-	-					
	16	÷	N	-	-					
	17	÷	N	-	-					
	18	÷	N	-	-					
	19	÷	N	-	-					
	20	÷	N	-	-					
	21	÷	N	-	-					
	22	÷	N	-	-					
	23	÷	N	-	-					
	24	÷	N	-	-					
	25	÷	N	-	-					
	26	÷	N	-	-					
	27	÷	N	-	-					
	28	÷	N	-	-					
	29	÷	N	-	-					
	30	÷	N	-	-					
	31	÷	N	-	-					
	32	÷	N	-	-					
	33	÷	N	-	-					
	34	÷	N	-	-					
	35	÷	N	-	-					
	36	÷	N	-	-					

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CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
	37	÷	N	-	-					
	38	÷	N	-	-					
	39	÷	N	-	-					
	40	÷	N	-	-					
	41	÷	N	-	-					
	42	÷	N	-	-					
	43	÷	N	-	-					
	44	÷	N	-	-					
	45	÷	N	-	-					
	46	÷	N	-	-					
	47	÷	N	-	-					
	48	÷	N	-	-					
	49	÷	N	-	-					
	50	÷	N	-	-					
	51	÷	N	-	-					
	52	÷	N	-	-					
	53	÷	N	-	-					
	54	÷	N	-	-					
	55	÷	N	-	-					
	56	÷	N	-	-					
	57	÷	N	-	-					
	58	÷	N	-	-					
	59	÷	N	-	-					
	60	÷	N	-	-					
	61	÷	N	-	-					
	62	÷	N	-	-					
	63	÷	N	-	-					
	64	÷	N	-	-					
	65	÷	N	-	-					
	66	÷	N	-	-					
	67	÷	N	-	-					
	68	÷	N	-	-					
	69	÷	N	-	-					
	70	÷	N	-	-					
	71	÷	N	-	-					
	72	÷	N	-	-					

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CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
	73	÷	N	-	-					
	74	÷	N	-	-					
	75	÷	N	-	-					
	76	÷	N	-	-					
	77	÷	N	-	-					
	78	÷	N	-	-					
	79	÷	N	-	-					
	80	÷	N	-	-					
	81	÷	N	-	-					
	82	÷	N	-	-					
	83	÷	N	-	-					
	84	÷	N	-	-					
	85	÷	N	-	-					
	86	÷	N	-	-					
	87	÷	N	-	-					
	88	÷	N	-	-					
	89	÷	N	-	-					
	90	÷	N	-	-					
	91	÷	N	-	-					
	92	÷	N	-	-					
	93	÷	N	-	-					
	94	÷	N	-	-					
	95	÷	N	-	-					
	96	÷	N	-	-					
	97	÷	N	-	-					
	98	÷	N	-	-					
	99	÷	N	-	-					
	100	÷	N	-	-					
	101	÷	N	-	-					
	102	÷	N	-	-					
	103	÷	N	-	-					
	104	÷	N	-	-					
	105	÷	N	-	-					
	106	÷	N	-	-					
	107	÷	N	-	-					
	108	÷	N	-	-					

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CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
	109	÷	N	-	-					
	110	÷	N	-	-					
	111	÷	N	-	-					
	112	÷	N	-	-					
	113	÷	N	-	-					
	114	÷	N	-	-					
	115	÷	N	-	-					
	116	÷	N	-	-					
	117	÷	N	-	-					
	118	÷	N	-	-					
	119	÷	N	-	-					
	120	÷	N	-	-					
	121	÷	N	-	-					
	122	÷	N	-	-					
	123	÷	N	-	-					
	124	÷	N	-	-					
	125	÷	N	-	-					
	126	÷	N	-	-					
	127	÷	N	-	-					
	128	÷	N	-	-					
	129	÷	N	-	-					
	130	÷	N	-	-					
	131	÷	N	-	-					
	132	÷	N	-	-					
	133	÷	N	-	-					
	134	÷	N	-	-					
	135	÷	N	-	-					
	136	÷	N	-	-					
	137	÷	N	-	-					
	138	÷	N	-	-					
	139	÷	N	-	-					
	140	÷	N	-	-					
	141	÷	N	-	-					
	142	÷	N	-	-					
	143	÷	N	-	-					
	144	÷	N	-	-					

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CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
	145	÷	N	-	-					
	146	÷	N	-	-					
	147	÷	N	-	-					
	148	÷	N	-	-					
	149	÷	N	-	-					
	150	÷	N	-	-					
	151	÷	N	-	-					
	152	÷	N	-	-					
	153	÷	N	-	-					
	154	÷	N	-	-					
	155	÷	N	-	-					
	156	÷	N	-	-					
	157	÷	✓	-	-					
	158	÷	✓	-	-					
	159	÷	✓	-	-					
	160	÷	✓	-	-					
	161	÷	✓	-	-					
	162	÷	✓	-	-					
	163	÷	✓	-	-					
	164	÷	✓	-	-					
	165	÷	✓	-	-					
	166	÷	✓	-	-					
	167	÷	✓	-	-					
	168	÷	✓	-	-					
	169	÷	✓	-	-					
	170	÷	✓	-	-					
	171	÷	✓	-	-					
	172	÷	✓	-	-					
	173	÷	✓	-	-					
	174	÷	✓	-	-					
	175	÷	✓	-	-					
	176	÷	✓	-	-					
	177	÷	✓	-	-					
	178	÷	✓	-	-					
	179	÷	✓	-	-					
	180	÷	✓	-	-					

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CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
	181	÷	✓	-	-					
	182	÷	✓	-	-					
	183	÷	✓	-	-					
	184	÷	✓	-	-					
	185	÷	✓	-	-					
	186	÷	✓	-	-					
	187	÷	✓	-	-					
	188	÷	✓	-	-					
	189	÷	✓	-	-					
	190	÷	✓	-	-					
	191	÷	✓	-	-					
	192	÷	✓	-	-					
	193	÷	✓	-	-					
	194	÷	✓	-	-					
	195	÷	✓	-	-					
	196	÷	✓	-	-					
	197	÷	✓	-	-					
	198	÷	✓	-	-					
	199	÷	✓	-	-					
	200	÷	✓	-	-					
	201	÷	✓	-	-					
	202	÷	✓	-	-					
	203	÷	✓	-	-					
	204	÷	✓	-	-					
	205	÷	✓	-	-					
	206	÷	✓	-	-					
	207	÷	✓	-	-					
	208	÷	✓	-	-					
	209	÷	✓	-	-					
	210	÷	✓	-	-					
	211	÷	✓	-	-					
	212	÷	✓	-	-					
	213	÷	✓	-	-					
	214	÷	✓	-	-					
	215	÷	✓	-	-					
	216	÷	✓	-	-					

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CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
	217	÷	✓	-	-					
	218	÷	✓	-	-					
	219	÷	N	-	-					
	220	÷	N	-	-					
	221	÷	N	-	-					
	222	÷	N	-	-					
	223	÷	N	-	-					
	224	÷	N	-	-					
	225	÷	N	-	-					
	226	÷	N	-	-					
	227	÷	N	-	-					
	228	÷	N	-	-					
	229	÷	N	-	-					
	230	÷	N	-	-					
	231	÷	N	-	-					
	232	÷	N	-	-					
	233	÷	N	-	-					
	234	÷	N	-	-					
	235	÷	N	-	-					
	236	÷	N	-	-					
	237	÷	N	-	-					
	238	÷	N	-	-					
	239	÷	N	-	-					
	240	÷	N	-	-					
	241	÷	✓	-	-					
	242			✓	-					
	243			✓	-					
	244			✓	-					
	245			✓	-					
	246			✓	-					
	247			✓	-					
	248			✓	-					
	249			✓	-					
	250			✓	-					
	251			✓	-					
	252			✓	-					

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CLAIM		DATE								
Final	Original	04/11/2010	06/16/2010	12/28/2010	09/21/2011					
	253			✓	-					
	254			✓	-					
	255			✓	-					
	256			✓	-					
	257				=					
	258				=					
	259				-					
	260				=					
	261				=					
	262				=					
	263				=					
	264				=					
	265				=					
	266				=					
	267				=					
	268				=					
	269				=					
	270				=					
	271				=					
	272				=					
	273				=					
	274				=					